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CLAIMS

What is claimed is:

- 1. A stent with a tubular support frame (2) consisting of axially successively following, interconnected annular segments (3, 4, 5), which support frame (2) is surrounded on its outside by a thread (11), characterized in that the thread ends (12, 13) are guided via a deflection (14) from the outside into the support frame (2), where they are coupled by a connector (17).
- 1 2. The stent according to Claim 1, characterized in that the 2 deflection (14) is realized at least one deflection element (15, 16; 19, 3 20; 22, 23; 26, 27) provided on an annular segment (3, 4).
- 3. The stent according to Claim 1 or 2, characterized in that the deflection (14) is formed by two deflection elements (15, 16; 19, 20; 22, 23; 26, 27) arranged on the circumference of the support frame (2) with an interval (A) from one another.
- 1 4. The stent according to one of Claims 1 to 3, characterized 2 in that the deflection (14) is provided on the end-side annular segment 3 (3), viewed in the direction of the longitudinal axis (L) of the stent.
- 5. The stent according to one of Claims 1 to 4, characterized in that the deflection (14) is arranged on the inner side, facing the middle of the stent, of the annular segment (3).
- 1 6. The stent according to one of Claims 1 to 4, characterized 2 in that the deflection (14) is formed by two deflection elements (19, 20; 3 22, 23) of which a first deflection element (19; 22) is arranged on the 4 inner side, facing the middle of the stent, of an annular segment (3)

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5 and that the second deflection element (20; 23) is arranged on the 6 outer side of the annular segment (3).

- 7. The stent according to one of Claims 1 to 3, characterized in that the deflection (14) is formed by two deflection elements (26, 27) of which a first deflection element (26) is provided on the end-side annular segment (3), viewed in the direction of the longitudinal axis (L) of the stent, and a second deflection element (27) is provided on the adjacent annular segment (4).
- 1 8. The stent according to one of Claims 1 to 7, characterized 2 in that the connector (17) consists of a material visible in x-rays.
- 9. The stent according to one of Claims 1 to 8, characterized in that additional guide elements (28) are provided in the support frame (2).
- 10. The stent according to one of Claims 1 to 9, characterized 2 in that the annular segments (3, 4, 5) are formed by struts (6, 7) that 3 follow one another in an endless, corrugated manner and that 4 adjacent annular segments (3, 4, 9) are coupled by connector struts (8, 5 8').
- 1 11. The stent according to one of Claims 1 to 10, 2 characterized in that each connector strut (8, 8') comprises a 3 longitudinal section (9) running substantially parallel to the longitudinal 4 axis (L) of the stent and comprises a strut section (10) aligned 5 transversely to the latter and configured in a U shape or V shape.